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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 71 For Week Ended March 23, 1990 NO. 12

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/23/90	Last Week Ending: 03/16/90	Last Year Week Ending: 03/24/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,065	13,068	12,938	-3	127
Operable capacity	15,614	15,614	15,907	0	-293
Percent operated	83.7	83.7	81.3		
Motor Gasoline					
Total motor gasoline production	6,479	6,421	6,442	58	37
Finished leaded motor gasoline production	336	387	855	-51	-519
Finished unleaded motor gasoline production	6,143	6,034	5,587	109	556
Total motor gasoline stocks	235,405	241,159	236,455	-5,754	-1,050
Finished leaded motor gasoline stocks	14,155	14,617	35,174	-462	-21,019
Finished unleaded motor gasoline stocks	177,759	182,778	162,477	-5,019	15,282
Jet Fuel Kerosine					
Jet fuel kerosine production	1,286	1,246	1,178	40	108
Jet fuel kerosine stocks	39,974	39,470	36,961	504	3,013
Distillate Fuel Oil					
Distillate fuel oil production	2,615	2,537	2,679	78	-64
Distillate fuel oil stocks	103,646	105,894	96,231	-2,248	7,415
Residual Fuel Oil					
Residual fuel oil production	956	1,015	951	-59	5
Residual fuel oil stocks	45,346	46,270	38,868	-924	6,478
Imports					
Crude oil imports	6,121	5,677	4,755	444	1,366
Product imports	1,763	2,399	2,337	-636	-574
Crude Oil Stocks					
Crude oil stocks	358,463	350,983	337,425	7,480	21,038
Crude Supply Balance	769				

*See definitions on page 6

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,294	1,153	1,154	1,325	87.1
Appal. No. 1	106	97	97	124	78.2
DISTRICT 1 TOTAL	1,400	1,250	1,251	1,449	86.3
Ind., Ill., Ky.	2,096	1,902	1,902	2,198	86.5
Minn., Wisc., Daks.	331	320	320	337	95.0
Okla., Kans., Mo.	620	576	603	730	82.6
DISTRICT 2 TOTAL	3,047	2,798	2,825	3,265	86.5
Inland Texas	577	509	512	568	90.1
Texas Gulf Coast	3,212	2,719	2,746	3,477	79.0
La. Gulf Coast	2,303	2,214	2,255	2,938	76.8
N. La. and Ark.	189	183	183	247	74.1
New Mexico	76	69	70	76	92.1
DISTRICT 3 TOTAL	6,357	5,694	5,766	7,306	78.9
DISTRICT 4 TOTAL	479	415	418	546	76.6
DISTRICT 5 TOTAL	2,805	2,748	2,805	3,048	92.0
TOTAL U.S.	14,088	12,905	13,065	15,614	83.7
TOTAL U.S. Weeks Ended:					
MAR. 16, 1990	13,939	12,941	13,068	15,614	83.7
MAR. 24, 1989	14,168	12,748	12,938	15,907	81.3
DISTRICTS 1-4 Weeks Ended:					
MAR. 23, 1990	11,283	10,157	10,260	12,566	81.6
MAR. 16, 1990	11,110	10,218	10,275	12,566	81.8
MAR. 24, 1989	11,654	10,257	10,447	12,676	82.4

API WEEKLY STATISTICAL BULLETIN

Week Ended March 23, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	541	1	540	17	85	276	121
Appal. No. 1	32	2	30	6	--	31	2
DISTRICT 1 TOTAL	573	3	570	23	85	307	123
Ind., Ill., Ky.	1,127	9	1,118	--	161	396	46
Minn., Wisc., Daks.	162	12	150	--	12	84	6
Okla., Kans., Mo.	343	30	313	15	28	153	4
DISTRICT 2 TOTAL	1,632	51	1,581	15	201	633	56
Inland Texas	323	28	295	26	40	120	14
Texas Gulf Coast	1,517	--	1,517	29	259	508	206
La. Gulf Coast	956	42	914	9	273	473	128
N. La. and Ark.	53	--	53	8	4	48	7
New Mexico	41	11	30	11	3	14	1
DISTRICT 3 TOTAL	2,890	81	2,809	83	579	1,163	356
DISTRICT 4 TOTAL	226	50	176	11	32	116	10
DISTRICT 5 TOTAL	1,158	151	1,007	61	389	396	411
TOTAL U.S.	6,479	336	6,143	193	1,286	2,615	956
TOTAL U.S. Weeks Ended:							
MAR. 16, 1990	6,421	387	6,034	199	1,246	2,537	1,015
MAR. 24, 1989	6,442	855	5,587	224	1,178	2,679	951
DISTRICTS 1-4 Weeks Ended:							
MAR. 23, 1990	5,321	185	5,136	132	897	2,219	545
MAR. 16, 1990	5,232	227	5,005	146	847	2,136	595
MAR. 24, 1989	5,379	659	4,720	161	861	2,273	513

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,991	--	3,990	1	76	486	3,018	532	--
Central Atlantic	30,802	45	25,214	5,543	373	4,055	18,845	16,469	11,669
Lower Atlantic	30,099	144	29,617	338	277	4,941	12,419	3,084	501
DISTRICT 1 TOTAL	64,892	189	58,821	5,882	726	9,482	34,282	20,085	12,170
DISTRICT 2 TOTAL	62,951	4,753	48,351	9,847	883	9,224	31,282	3,653	15,757
DISTRICT 3 TOTAL	66,761	1,706	48,653	16,402	2,529	13,342	22,765	14,539	52,610
DISTRICT 4 TOTAL	8,287	1,966	3,525	2,796	694	740	3,089	426	2,287
DISTRICT 5 TOTAL	32,514	5,541	18,409	8,564	2,021	7,186	12,228	6,643	26,160
TOTAL U.S.	235,405	14,155	177,759	43,491	6,853	39,974	103,646	45,346	108,984
TOTAL U.S. Weeks Ended									
MAR. 16, 1990	241,159	14,617	182,778	43,764	7,079	39,470	105,894	46,270	109,375
MAR. 24, 1989	236,455	35,174	162,477	38,804	6,192	36,961	96,231	38,868	106,509
DISTRICTS 1-4 Weeks Ended									
MAR. 23, 1990	202,891	8,614	159,350	34,927	4,832	32,788	91,418	38,703	82,824
MAR. 16, 1990	208,927	8,969	164,685	35,273	5,005	32,451	94,005	39,327	83,622
MAR. 24, 1989	208,230	28,953	147,552	31,725	4,582	31,519	86,282	29,342	81,947

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoln

[2]Includes Grade No. 4 fuel oil

API WEEKLY STATISTICAL BULLETIN
Week Ended March 23, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy October 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 23, 1990	4,450.0	4,586.0	5,706	535	277,066
MAR. 16, 1990	4,450.0	--	5,572	583	272,271
MAR. 9, 1990	4,450.0	--	5,785	584	271,061
MAR. 2, 1990	4,416.0	--	5,530	469	264,319
DISTRICT 5 TOTAL					
MAR. 23, 1990	2,847.0	2,871.0	415	12	81,397 #
MAR. 16, 1990	2,847.0	--	105	--	78,712
MAR. 9, 1990	2,847.0	--	239	--	79,734
MAR. 2, 1990	2,832.0	--	442	7	79,611
TOTAL U.S.					
MAR. 23, 1990	7,297.0	7,457.0	6,121	547	358,463 #
MAR. 16, 1990	7,297.0	--	5,677	583	350,983
MAR. 9, 1990	7,297.0	--	6,024	584	350,795
MAR. 2, 1990	7,248.0	--	5,972	476	343,930
MAR. 24, 1989	7,510.0 a/	--	4,755	652	337,425

#INCLUDES 20,040 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for March 1989

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
MAR. 23, 1990	769	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAR. 23, 1990	14,129	76,431	172,682	13,824	277,066	81,397 #	358,463 #
MAR. 16, 1990	15,319	75,312	168,172	13,468	272,271	78,712	350,983
MAR. 24, 1989	15,384	66,979	161,137	11,803	255,303	82,122	337,425

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	65	--	65	--	--	--	120	119	14	--	--	318
Central Atlantic	71	--	71	8	--	74	149	187	14	102	--	605
Lower Atlantic	88	--	88	--	--	9	30	109	--	--	6	242
DISTRICT 1 TOTAL												
MAR. 23, 1990	224	--	224	8	--	83	299	415	28	102	6	1,165
MAR. 16, 1990	296	--	296	67	--	75	180	576	21	84	41	1,340
MAR. 9, 1990	348	--	348	44	--	69	345	228	13	31	6	1,084
MAR. 2, 1990	225	--	225	7	--	70	224	403	17	97	3	1,046
DISTRICTS 2-4 TOTAL												
MAR. 23, 1990	4	--	4	--	1	15	10	24	186	31	303	574
MAR. 16, 1990	48	--	48	--	1	24	2	14	134	396	386	1,005
MAR. 9, 1990	12	--	12	--	2	17	3	6	119	323	28	510
MAR. 2, 1990	--	--	--	--	2	31	3	98	223	90	162	609
DISTRICT 5 TOTAL												
MAR. 23, 1990	1	--	1	--	--	4	2	5	9	--	3	24
MAR. 16, 1990	2	--	2	--	--	--	1	28	19	--	4	54
MAR. 9, 1990	1	--	1	--	--	--	1	33	17	--	1	53
MAR. 2, 1990	16	--	16	--	--	--	--	57	20	--	2	95
TOTAL U.S.	229	--	229	8	1	102	311	444	223	133	312	1,763
TOTAL U.S. Weeks Ended												
MAR. 16, 1990	346	--	346	67	1	99	183	618	174	480	431	2,399
MAR. 9, 1990	361	--	361	44	2	86	349	267	149	354	35	1,647
MAR. 2, 1990	241	--	241	7	2	101	227	558	260	187	167	1,750
MAR. 24, 1989	419	2	417	28	3	98	456	746	171	208	208	2,337

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.